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VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC. 35 Dory Road

Gloucester, Massachusetts 01930

TITLE OF INVENTION:

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Constance S. Quellette (Depositor's name)

Constance & Quellette (Signature)

| Constitution No. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | 10/602 745 | 06/24/13 | Steven R. Wallher | 99-025 | 1750

BERMAN, JACK I. 2881 250-492100

Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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METHOD AND APPARATUS FOR CONTROLLING ION IMPLANTATION DURING VACUUM FLUCTUATION

to
is 3 Varian Semiconductor Equipment

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filling an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Varian Semiconductor Equipment Associates, Inc.

Gloucester, Massachusetts 01930

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g/2).

The Director of the USTYO is expected to apply the Issue Fee and Publication Fee (if any) or to exapply any previously paid lists are the application items of the superior of the application items of the superior of the application items of the application ite

Authorized Signature /Changhoon Chol/ Date October 1, 2007

 Authorized Signature (Changhoon Chol/
 Date October 1, 2007

 Typed or printed name Changhoon Chol, Esq.
 Registration No. 56798

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